

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 071949-1315		SERIAL NO. 09/982,629		
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT Kenneth F. Buechler				
				FILING DATE October 18, 2001		GROUP ART UNIT 1743		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
<p><i>P</i></p> <p style="font-size: 2em;"> </p> <p><i>N</i></p>	AA	4,879,215	11/1989	Weng et al.	435	7	03/04/88	
	AB	4,945,205	07/1990	Litman et al.	219	121	07/05/88	
	AC	4,960,691	10/1990	Gordon et al.	435	6	09/29/86	
	AD	4,756,828	07/1988	Litman et al.	435	7	04/12/84	
	AE	4,757,004	07/1988	Houts et al.	435	7	03/16/84	
	AF	4,883,688	11/1989	Houts et al.	427	285	07/05/88	
	AG	5,137,808	08/1992	Ullman et al.	422	7.9	07/31/89	
	AH	5,089,391	02/1992	Buechler et al.	435	7.1	01/10/90	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	AI	0 695 941	05/1995	EPO	<p><i>NO COPIES SUPPLIED FOR CONSIDERATION</i></p>			
	AJ	94/09366	04/1994	WO				
	AK	97/00442	01/1997	WO				
	AL	97/02357	01/1997	WO				
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
	AM	Cambridge Dictionary of Science and Technology, Walker, Editor, 131, 1988 (reprinted 1990).						
	AN	Dill, "Dominant Forces in Protein Folding," 1990, Biochemistry, 29:7133.						
	AO	Laibinis et al., "w-Terminated Alkanethiolate Monolayers on Surfaces of Copper, Silver, and Gold Have Similar Wettabilities," 1990-1995, J. Am. Chem. Soc. 1992:114.						
	AP	Lou et al., "One-Step Competitive Immunochromatographic Assay for Semiquantative Determination of Lipoprotein(a) in Plasma," 1993, Clinical Chemistry 39:619-624.						
EXAMINER <i>Alexander</i>				DATE CONSIDERED <i>7/18/03</i>				
<p>* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.</p>								

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 071949-1315		SERIAL NO. 09/982,629		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Kenneth F. Buechler				
				FILING DATE October 18, 2001		GROUP ART UNIT 1743		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
f	BA	5,087,556	02/1992	Ertinghausen	422	7.9	05/17/1989	
	BB	5,051,237	09/1991	Grenner et al.	422	56	06/23/1988	
	BC	5,028,535	07/1991	Buechler et al.	435	7.1	01/10/1989	
	BD	5,023,054	06/1991	Sata et al.	422	82	11/19/1989	
	BE	4,963,498	10/1990	Hillman et al.	436	69	01/15/1998	
	BF	4,906,439	03/1990	Grenner	422	56	12/21/1987	
	BG	4,426,451	01/1984	Columbus	436	518	01/28/1981	
	BH	5,458,852	10/1995	Buechlet	422	58	05/21/1991	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	BI	0418765	03/1991	EPO				
	BJ	0212314	04/1987	EPO				
	BK	0348006	12/1989	EPO				
	BL	A-3-223674		JP				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	BM	Myer, "Surfaces, Interfaces, and Colloids: Principles and Applications," 1991, 94-99.						
	BN	Ross et al., "Thermodynamics of Protein Association Reactions: Forces Contributing to Stability," 1981, Biochemistry, 20:3096.						
	BO	Frens, "Controlled Nucleation of the Regulation of the Particle Size in Monodisperse Gold Suspensions," 1973, 241:20.						
	BP	Phadke, "Biosensors and Enzymes Immobilized Electrodes," 1992, Biosystems, 27:203-206.						
	BQ	Rogers et al., "Biosensors for Environmental Monitoring," 1992, Biosensors & Bioelectronics, 7:317-321.						
EXAMINER <i>Alexander</i>				DATE CONSIDERED <i>7/16/03</i>				
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.								

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. 071949-1315		SERIAL NO. 09/982,629	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>					APPLICANT Kenneth F. Buechler			
					FILING DATE October 18, 2001		GROUP ART UNIT 1743	
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
J	CA	4,233,029	11/1980	Columbus	422	58X	10/25/1978	
	CB	4,829,010	05/1989	Chang	422	58	03/13/1987	
	CC	4,911,782	03/1990	Brown	156	633	03/28/1988	
	CD	5,202,268	04/1993	Kuhn et al.	436	525	12/30/1988	
	CE	5,486,335	01/1996	Wilding et al.	442	55	04/24/1995	
	CF	5,006,309	04/1991	Khalil et al.	442	56	04/22/1988	
	CG	4,591,570	05/1986	Chang	436	518	02/02/1983	
	CH	4,916,056	04/1990	Brown III et al.	435	7	03/28/1988	
	CI	4,877,586	10/1989	Devaney, Jr. et al.	422	101	07/27/1988	
	CJ	4,857,453	08/1989	Ullman et al.	435	7	04/07/1987	
	CK	4,727,019	02/1988	Valkirs et al.	435	5	05/10/1985	
	CL	4,435,504	03/1984	Zuk et al.	435	7	07/15/1982	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	CM	A-1-203038		JP	NO COPIES Supplied For Consideration			
	CN	A-57-113364		JP				
	CO	A-57-156028		JP				
	CP	A-62-129759		JP				
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
	CQ	X						
EXAMINER <i>Alexander</i>					DATE CONSIDERED <i>7/18/03</i>			
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.								

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 071949-1315		SERIAL NO. 09/982,629		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Kenneth F. Buechler				
				FILING DATE October 18, 2001		GROUP ART UNIT 1743		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	DA	4,695,554	09/1987	O'Connell et al.	436	528	03/27/1985	
	DB	4,859,613	08/1989	Lawrence	436	548	11/12/1986	
	DC	5,155,212	10/1992	Duhler et al.	530	380	05/29/1990	
	DE	5,766,961	06/1998	Pawlak et al.	436	510	11/23/1993	
	DF	4,978,503	12/1990	Shanks et al.	422	58	09/06/1988	
	DG	5,885,527	03/1999	Buechler	422	58	05/23/1995	
	DH	6,019,944	02/2000	Buechler	422	58	05/23/1995	
	DI	4,756,884	07/1988	Hillman et al.	422	68	07/01/1986	
	DJ	4,948,961	08/1990	Hillman et al.	250	252.1	04/05/1988	
	DK	5,004,923	04/1991	Hillman et al.	250	341	01/30/1990	
	DL	5,300,779	04/1994	Hillman et al.	250	341	08/18/1992	
	DM	5,140,161	08/1992	Hillman et al.	250	341	07/23/1991	
	DN	5,144,139	09/1992	Hillman et al.	250	341	07/19/1991	
	DO	5,147,607	09/1992	Mochida et al.	422	57	11/29/1990	
	DP	5,164,598	11/1992	Hillman et al.	250	341	02/05/1991	
	DQ	5,204,525	04/1993	Hillman et al.	250	252.1	07/19/1991	
	DR	5,209,904	05/1993	Forney et al.	422	73	11/16/1990	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	DS							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	DT							
EXAMINER <i>Alexander</i>				DATE CONSIDERED <i>7/18/03</i>				
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.								